



# SAFETY DATA SHEET

Revision Date: 07-Apr-2020

Revision Number: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** INSL-X ALL PURPOSE CITRUS CLEANER  
**Product Code** CL-0200F  
**Alternate Product Code** UF3300  
**Product Class** SURFACE PREPARATION PRODUCT  
**Color** Clear  
**Recommended use** Paint  
**Restrictions on use** No information available

**Manufactured For**  
Benjamin Moore & Co., Limited  
8775 Keele Street  
Concord ON L4K 2N1  
Phone: 1-800-361-5898  
insl-x.ca

**Manufacturer**  
Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
insl-x.com

**Emergency Telephone**  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 1B
Reproductive toxicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1

### Label elements

#### **Danger**

#### **Hazard statements**

Causes skin irritation  
Causes serious eye irritation

May cause an allergic skin reaction  
 May cause cancer  
 May damage fertility or the unborn child  
 May cause damage to organs through prolonged or repeated exposure  
 May be fatal if swallowed and enters airways



**Appearance** liquid

**Odor** little or no odor

#### Precautionary Statements - Prevention

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Contaminated work clothing should not be allowed out of the workplace  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Wear protective gloves/protective clothing/eye protection/face protection

#### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

##### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

##### Skin

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

##### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

#### Precautionary Statements - Storage

Store locked up

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other information

No information available

### 3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act	Date HMIRA filed and date exemption granted

			registry number (HMIRA registry #)	(if applicable)
D-Limonene	5989-27-5	7 - 13%	-	-
1-Methyl-2-pyrrolidinone	872-50-4	3 - 7%	-	-
Diethanolamine	111-42-2	1 - 5%	-	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret

#### 4. FIRST AID MEASURES

<b>General Advice</b>	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction.
<b>Notes To Physician</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity to mechanical impact</b>	No
<b>Sensitivity to static discharge</b>	No
<b>Flash Point Data</b>	
Flash point (°F)	Not applicable
Flash Point (°C)	Not applicable
Method	Not applicable
<b>Flammability Limits In Air</b>	

Lower flammability limit:  
Upper flammability limit:

Not applicable  
Not applicable

**NFPA**    **Health:** 2                      **Flammability:** 0                      **Instability:** 0                      **Special:** Not Applicable

#### NFPA Legend

0 - Not Hazardous  
1 - Slightly  
2 - Moderate  
3 - High  
4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.*

*Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

#### Other Information

Prevent further leakage or spillage if safe to do so.

#### Environmental precautions

See Section 12 for additional Ecological Information.

#### Methods for Cleaning Up

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

#### Handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

#### Storage

Keep container tightly closed. Keep out of the reach of children.

#### Incompatible Materials

No information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limits

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
1-Methyl-2-pyrrolidinone	N/E	N/E	N/E	400 mg/m <sup>3</sup> - TWA	N/E
Diethanolamine	TWA: 1 mg/m <sup>3</sup> inhalable fraction and vapor S*	2 mg/m <sup>3</sup> - TWA Substance may be readily absorbed through intact skin	2 mg/m <sup>3</sup> - TWA Skin absorption can contribute to overall exposure.	1 mg/m <sup>3</sup> - TWA Danger of cutaneous absorption	3 ppm - TWAEV 13 mg/m <sup>3</sup> - TWAEV Skin absorption can contribute to overall exposure.

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists

Alberta - Alberta Occupational Exposure Limits

British Columbia - British Columbia Occupational Exposure Limits

Ontario - Ontario Occupational Exposure Limits  
 Quebec - Quebec Occupational Exposure Limits  
 N/E - Not established

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment****Eye/Face Protection**

Safety glasses with side-shields. If splashes are likely to occur, wear: Tightly fitting safety goggles

**Skin Protection**

Protective gloves and impervious clothing.

**Respiratory Protection**

In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

**Hygiene Measures**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available
<b>Density (lbs/gal)</b>	8.1 - 8.2
<b>Specific Gravity</b>	0.97 - 0.99
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ies)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Wt. % Solids</b>	10 - 20
<b>Vol. % Solids</b>	10 - 20
<b>Wt. % Volatiles</b>	80 - 90
<b>Vol. % Volatiles</b>	80 - 90
<b>VOC Regulatory Limit (g/L)</b>	< 575
<b>VOC Content (% by weight)</b>	< 4.0
<b>Boiling Point (°F)</b>	212
<b>Boiling Point (°C)</b>	100
<b>Freezing point (°F)</b>	32
<b>Freezing Point (°C)</b>	0
<b>Flash point (°F)</b>	Not applicable
<b>Flash Point (°C)</b>	Not applicable
<b>Method</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable
<b>Lower flammability limit:</b>	Not applicable
<b>Autoignition Temperature (°F)</b>	No information available
<b>Autoignition Temperature (°C)</b>	No information available
<b>Decomposition Temperature (°F)</b>	No information available
<b>Decomposition Temperature (°C)</b>	No information available

Partition coefficient No information available

## 10. STABILITY AND REACTIVITY

Reactivity Not Applicable

Chemical Stability Stable under normal conditions.

Conditions to avoid Prevent from freezing.

Incompatible Materials No materials to be especially mentioned.

Hazardous Decomposition Products None under normal use.

Possibility of hazardous reactions None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

Principal Routes of Exposure Eye contact, skin contact and inhalation.

### Acute Toxicity

Product Information No information available

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Eye contact May cause slight irritation

Skin contact Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

Inhalation May cause irritation of respiratory tract.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sensitization May cause an allergic skin reaction.

Neurological Effects No information available.

Mutagenic Effects No information available.

Reproductive Effects May damage fertility or the unborn child.

Developmental Effects No information available.

Target organ effects No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Other adverse effects No information available.

Aspiration Hazard No information available.

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 19969 mg/kg  
 ATEmix (inhalation-dust/mist) 87.1 mg/L

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
D-Limonene 5989-27-5	= 5200 mg/kg ( Rat ) = 4400 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
1-Methyl-2-pyrrolidinone 872-50-4	= 3914 mg/kg ( Rat )	= 8 g/kg ( Rabbit )	> 5.1 mg/L ( Rat ) 4 h
Diethanolamine 111-42-2	= 780 mg/kg ( Rat ) = 620 µL/kg ( Rat )	= 11.9 mL/kg ( Rabbit ) = 7640 µL/kg ( Rabbit )	-

### Chronic Toxicity

#### **Carcinogenicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen..

Chemical name	IARC	NTP
D-Limonene	2A - Probable Human Carcinogen	
Diethanolamine	2B - Possible Human Carcinogen	

#### **Legend**

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

### **Product Information**

#### **Acute Toxicity to Fish**

No information available

#### **Acute Toxicity to Aquatic Invertebrates**

No information available

#### **Acute Toxicity to Aquatic Plants**

No information available

#### **Persistence / Degradability**

No information available.

#### **Bioaccumulation**

There is no data for this product.

#### **Mobility in Environmental Media**

No information available.

**Ozone**

No information available

**Component Information****Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method**

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

### 14. TRANSPORT INFORMATION

**TDG**

Not regulated

**ICAO / IATA**

Not regulated

**IMDG / IMO**

Not regulated

### 15. REGULATORY INFORMATION

**International Inventories**

**TSCA: United States**

Yes - All components are listed or exempt.

**DSL: Canada**

Yes - All components are listed or exempt.

**National Pollutant Release Inventory (NPRI)****NPRI Parts 1- 4**

This product contains the following Parts 1-4 NPRI chemicals:



<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>NPRI Parts 1- 4</u>
1-Methyl-2-pyrrolidinone	872-50-4	3 - 7%	Listed
Diethanolamine	111-42-2	1 - 5%	Listed

**NPRI Part 5**

This product contains the following NPRI Part 5 Chemicals:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>NPRI Part 5</u>
D-Limonene	5989-27-5	7 - 13%	Listed

**WHMIS Regulatory Status**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

**16. OTHER INFORMATION**

**HMIS -**                      **Health: 2\***                      **Flammability: 0**                      **Reactivity: 0**                      **PPE: -**

**HMIS Legend**

- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard
- 4 - Severe Hazard
- \* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

*Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.*

*Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.*

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada at [http://www.hc-sc.gc.ca/ewh-sem/contaminants/lead-plomb/asked\\_questions-questions\\_posees-eng.php](http://www.hc-sc.gc.ca/ewh-sem/contaminants/lead-plomb/asked_questions-questions_posees-eng.php).

**Prepared By**                      Product Stewardship Department  
 Benjamin Moore & Co.  
 101 Paragon Drive  
 Montvale, NJ 07645  
 800-225-5554

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**End of Safety Data Sheet**